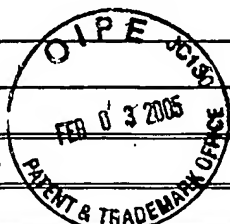




PTO SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005
		Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal
		Filing Date: January 13, 2004
		Group Art Unit: 1753
		Examiner Name: Alan D. Diamond
Date Submitted: February 1, 2005		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
/JB/		JP360004244A	01-10-1985	Ashiwake et al.		

Examiner Signature	/Jeffrey Barton/	Date Considered	12/17/2007
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<sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIFO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbol as indicated on the document under WIFO Standard ST.16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

PTO/SB/08A (Substitute for form 1449/PTO)	Attorney Docket No.: 089-0005
	Application No.: 10/756,603
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	First Named Inventor: Uttam Ghoshal
(Continuation Sheet)	Filing Date: January 13, 2004
	Group Art Unit: 1753
	Examiner Name: Alan D. Diamond
Sheet 2 of 4 <i>93</i>	Date Submitted: February 1, 2005

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/JB/		US-6,266,962	07-31-2001	Ghoshal		
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
Examiner Signature		/Jeffrey Barton/		Date Considered	12/17/2007	

PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005
		Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal
(Continuation Sheet)		Filing Date: January 13, 2004
		Group Art Unit: 1753
		Examiner Name: Alan D. Diamond
Sheet 3 of 4 <i>JB</i>		Date Submitted: February 1, 2005

U.S. PATENT DOCUMENTS
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Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		US-6,613,602	09-02-2003	Cooper et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
Examiner Signature		/Jeffrey Barton/		Date Considered	12/17/2007	

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005	
		Application No.: 10756,603	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		First Named Inventor: Uttam Ghoshal	
(Use several sheets if necessary)		Filing Date: January 13, 2004	
		Group Art Unit: 1753	
		Examiner Name: Alan D. Diamond	
		Date Submitted: February 1, 2005	
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initial*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/JB/		D.M. ROWE (ed.), <i>CRC Handbook of Thermoelectrics</i> , CRC Press (New York), 1995, pp. 479-488.	
		V. ZAKORDONETS and G. LOGINOV, "Thermoelectric figure of merit of monopolar semiconductors with finite dimensions," <i>Semiconductors</i> , vol. 31, pp. 265-267, March 1997.	
		B. K. RIDLEY, <i>Electrons and Phonons in Semiconductor Multi-layers</i> , Cambridge University Press (New York), 1997, Ch. 11.7.	
		A. BEJAN (ed.), <i>Advanced Engineering Thermodynamics</i> , 2nd Edition, John Wiley & Sons, Inc. (New York), 1997, pp. 675-682.	
		M. BARTKOWIAK and G. MAHAN, "Boundary Effects in Thin Film Thermoelectrics," <i>Materials Research Society Symposium Proceedings</i> , vol. 545, p. 265-273, 1999.	
		Tellurex Corporation, "Frequently Asked Questions," <a href="http://www.tellurex.com">http://www.tellurex.com</a> , © 2002, printed Dec. 1, 2004.	
/JB/		Tellurex Corporation, "Frequently Asked Questions about Thermoelectric Power Generation," <a href="http://www.tellurex.com">http://www.tellurex.com</a> , © 2003, printed Dec. 1, 2004.	
Examiner Signature		/Jeffrey Barton/	Date Considered 12/17/2007

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PTO/SB/08A (Substitute for form 1449/PTO)				Attorney Docket No.: 089-0005		
				Application No.: 10/756,603		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				First Named Inventor: Uttam Ghoshal		
(Use several sheets if necessary)				Filing Date: January 13, 2004		
				Group Art Unit: 1753		
				Examiner Name: Alan D. Diamond		
				Date Submitted: March 9, 2005		
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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	AB	US-4,036,665	07-19-1977	Barr et al.		
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	AJ	US-4,963,195	10-16-1990	Kodato et al.		
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<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
Examiner Signature		/Jeffrey Barton/		Date Considered	12/17/2007	

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<sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

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PTO/SB/08A (Substitute for form 1449/PTO)	Attorney Docket No.: 089-0005
	Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor: Utam Ghoshal
	Filing Date: January 13, 2004
	Group Art Unit: 1753
	Examiner Name: Alan D. Diamond
Sheet 1 of 1	Date Submitted: May 25, 2005



U.S. PATENT DOCUMENTS												
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear							
/JB/	AA	3,900,603	08-19-1975	Rittmayer et al.								
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FOREIGN PATENT DOCUMENTS												
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>						
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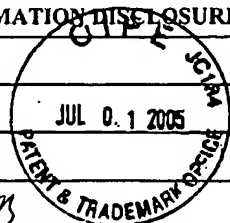
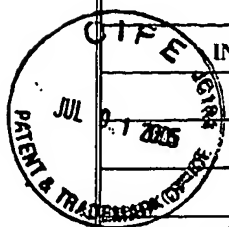
<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)

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PTO/SB/08A (Substitute for form 1449/PTO)	Attorney Docket No.: 089-0005
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.: 10/756,603
	First Named Inventor: Uttam Ghoshal
	Filing Date: January 13, 2004
	Group Art Unit: 1753
	Examiner Name: Alan D. Diamond
Sheet 1 of 395	Date Submitted: June 27, 2005

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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PTO/SB/08A (Substitute for form 1449/PTO)	Attorney Docket No.: 089-0005
	Application No.: 10/756,603
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	First Named Inventor: Uttam Ghoshal
(Continuation Sheet)	Filing Date: January 13, 2004
	Group Art Unit: 1753
	Examiner Name: Alan D. Diamond
Sheet 2 of 3 93	Date Submitted: June 27, 2005

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JB/	AO	US 2002/0071222 A1	06-13-2002	Ghoshal	
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	AR	US 2002/0092557 A1	07-18-2002	Ghoshal	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10756603
	Filing Date		2004-01-13
	First Named Inventor	Ghoshal	
	Art Unit	1753	
	Examiner Name	Jeffrey Thomas Barton	
	Attorney Docket Number	089-0005	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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## U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/JB/	1	20020185169	A1	2002-12-12	Hamamoto et al.	

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Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

( Not for submission under 37 CFR 1.99)

Application Number	10756603
Filing Date	2004-01-13
First Named Inventor	Ghoshal
Art Unit	1753
Examiner Name	Jeffrey Thomas Barton
Attorney Docket Number	089-0005

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10756603	
	Filing Date		2004-01-13	
	First Named Inventor	Uttam Ghoshal		
	Art Unit	1753		
	Examiner Name	Jeffrey Thomas Barton		
	Attorney Docket Number	089-0005		

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/Jeffrey Barton/

12/17/2007

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10756603
Filing Date	2004-01-13
First Named Inventor	Uttam Ghoshal
Art Unit	1753
Examiner Name	Jeffrey Thomas Barton
Attorney Docket Number	089-0005


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